

Converting Colors

XYZ(14.7982, 8.0231, 0.9409)

Have a look what the booklet for
XYZ(14.7982, 8.0231, 0.9409)
contains.

XYZ(14.7982, 8.0231, 0.9409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7982, 8.0231,
0.9409)**

Conversions

Conversions Part 1

Format	Color
Hex	A01506
RGB	160, 21, 6
RGB Percent	63%, 8%, 2%
CMY	0.3726, 0.9176, 0.9765
CMYK	0.00, 0.87, 0.96, 0.37
HSL	6°, 93%, 33%
HSV	6°, 96%, 63%
XYZ	14.7982, 8.0231, 0.9409
YIQ	60.8510, 87.6590, 24.8030

Conversions

Conversions Part 2

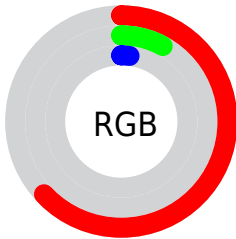
Format	Color
RYB	160, 23, 6
Decimal	10491142
CIELab	34.03, 53.33, 45.22
CIELCh	34, 69.921, 40.291
Yxy	8.0231, 0.6228, 0.3376
Android (android.graphics.Color)	4288681222 (0xFFA01506)
YUV	60.8510, -27.0415, 86.9537
Hunter-Lab	28.3251, 43.6869, 17.8581

Details

The XYZ color **14.7982, 8.0231, 0.9409** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.5426, 22.8215, 36.7904**, and the grayscale version is **4.4440, 4.6755, 5.0916**.

A 20% lighter version of the original color is **34.0913, 21.9796, 5.8138**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.6765, 7.8324, 0.7383**, and if you desaturate by 10%, it is **15.2564, 8.7605, 1.6458**.

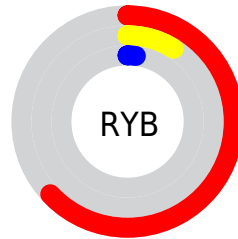
Distribution



Red (63%)

Green (8%)

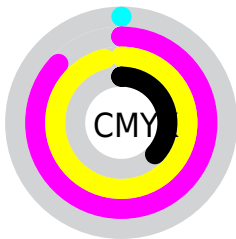
Blue (2%)



Red (63%)

Yellow (9%)

Blue (2%)

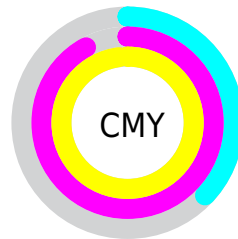


Cyan (0%)

Magenta (87%)

Yellow (96%)

Black (37%)



Cyan (37%)

Magenta (92%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7982, 8.0231, 0.9409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.7982, 8.0231, 0.9409 by changing the saturation by 10% instead.


 14.7982, 8.0231,
0.9409


 14.7982, 8.0231,
0.9409


 215.5542,
175.9131, 102.8201


 8.7633, 4.1097,
0.0000


 34.0733, 22.0037,
5.8638


 4.6430, 1.7351,
0.0000

 48.0443, 32.8398,
10.8660


 2.0719, 0.4463,
0.0000

 65.3912, 46.7521,
18.1203

 0.6739, 0.0000,
0.0000

 86.4796, 64.1253,
28.0450


 0.0000, 0.0000,
0.0000


 111.6747, 85.3435,
41.0588

 141.3420,


110.7913, 57.5803


 175.8467,
140.8530, 78.0279


 14.7982, 8.0231,
0.9409


 14.7982, 8.0231,
0.9409


 14.6765, 7.8324,
0.7383

 15.2564, 8.7605,
1.6458

 15.9830, 9.8858,
2.8993

 17.0152, 11.4446,
4.8021

 18.3823, 13.4753,
7.4262

 20.1099, 16.0119,
10.8344

■ 22.2214, 19.0852,
15.0825

■ 24.7380, 22.7237,
20.2212

■ 27.6795, 26.9537,
26.2972

■ 31.0642, 31.8000,
33.3540

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4998, 8.0231, 5.4637



14.7982, 8.0231, 0.9409



10.4107, 8.0231, 0.0000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7982, 8.0231, 0.9409



2.5573, 8.0231, 3.3516



9.0291, 8.0231, 50.7388

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.7982, 8.0231, 0.9409



16.5426, 22.8215, 36.7904

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.3878, 8.0231, 47.8775



14.7982, 8.0231, 0.9409



2.4082, 8.0231, 13.1070

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.7982, 8.0231, 0.9409



3.7645, 8.0231, 0.3734



3.2518, 8.0231, 30.9323



13.4984, 8.0231, 37.0228

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.7982, 8.0231, 0.9409



7.5881, 8.0231, 0.0000



3.2518, 8.0231, 30.9323



7.6635, 8.0231, 51.8501

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.7984, 8.0236, 0.9410



43.3222, 38.9578, 33.4449



19.8416, 9.7155, 28.5015



9.1019, 7.9666, 6.5200



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7984, 8.0236, 0.9410



26.5799, 14.0842, 1.3176



18.6975, 15.8218, 2.2407



6.6825, 6.7451, 6.9354



11.4491, 6.1339, 0.5805



0.2181, 0.1365, 0.0148

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.5426, 22.8215, 36.7904



29.6558, 40.8780, 66.7137



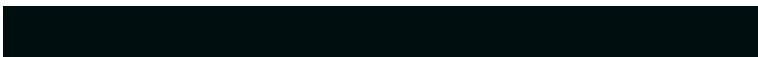
8.6207, 6.9778, 34.1498



6.7665, 7.3988, 8.4782



12.7764, 17.6443, 28.6395



0.2428, 0.3443, 0.5169

Previews

White Background



This preview shows how the XYZ color 14.7982, 8.0231, 0.9409 looks on a white background.

Color Contrast Check

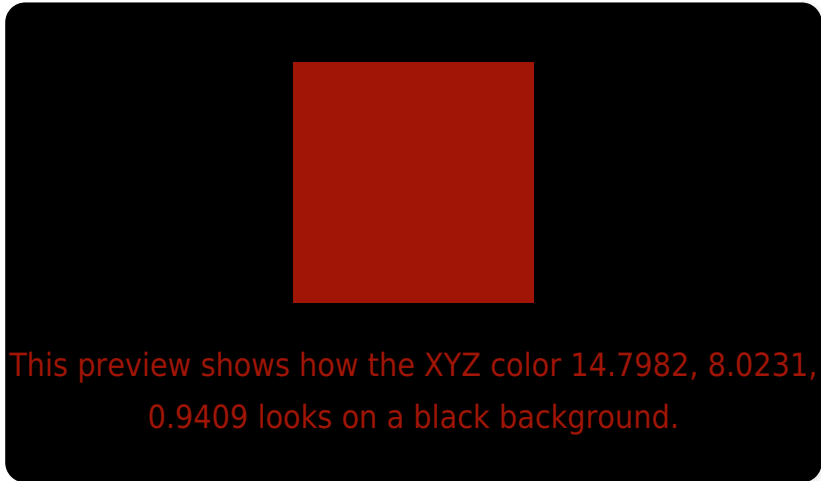
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

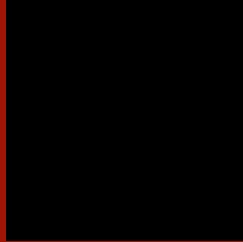
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7982, 8.0231, 0.9409

Background



This preview shows how black text looks on a background with the XYZ color 14.7982, 8.0231, 0.9409.



This preview shows how white text looks on a background with the XYZ color 14.7982, 8.0231,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.7982, 8.0231, 0.9409

Protanopia

7.5663, 8.3640, 1.9251

Deuteranopia

8.3179, 8.3323, 1.1699



Tritanopia

14.8485, 8.0144, 1.2946

Trichromacy



Original Color

14.7982, 8.0231, 0.9409

Protanomaly

9.0455, 7.0510, 1.3744

Deuteranomaly

9.7863, 7.2157, 0.9344

Tritanomaly

14.8200, 8.0030, 1.1444

Monochromacy



Original Color

14.7982, 8.0231, 0.9409

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.3070, 4.6555, 2.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7982, 8.0231, 0.9409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 21, 6)` looks like.

```
.text, #text, p{  
    color:rgb(160, 21, 6)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 21, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 21, 6) }
```

Border

The CSS property to change the border of an element to XYZ 14.7982, 8.0231, 0.9409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 21, 6) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(160, 21, 6) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(160, 21, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 21, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 21, 6);  
box-shadow:4px 4px 4px 4px rgb(160, 21, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7982, 8.0231, 0.9409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 21, 6) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160, 21,  
6) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor